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Application No.: 10/031,289

2 DEC 13 2006 Docket No.: 223002100200

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**In the claims:**

Claim 1 (Currently Amended): A purified polypeptide comprising the amino acid sequence of SEQ ID NO:1331, or a purified polypeptide comprising a contiguous amino acid sequence with at least 70% sequence identity to the amino acid sequence of SEQ ID NO:1331, wherein the polypeptide comprises at least one antigenic determinant and wherein the polypeptide can detect the presence of antibodies raised against that elicits an immune response against *Neisseria*[[1]] meningitidis strain serogroup B in a sample and has a length of 100 amino acids or less.

Claims 2-6 (Canceled)

Claim 7 (Withdrawn): An antibody which recognises the polypeptide according to claim 1.

Claim 8 (Canceled)

Claim 9 (Withdrawn): Nucleic acid encoding the polypeptide of claim 1.

Claim 10 (Previously Presented): A composition comprising the polypeptide of claim 1 and a pharmaceutically acceptable vehicle.

Claims 11-12 (Canceled)

Claim 13 (Withdrawn): A method of treating a patient, comprising administering to the patient a therapeutically effective amount of a composition according to claim 10.

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Claim 14 (Canceled)

Claim 15 (Withdrawn): A composition comprising the antibody of claim 7 and a pharmaceutically acceptable vehicle.

Claim 16 (Canceled)

Claim 17 (Withdrawn): A composition comprising the nucleic acid of claim 9 and a pharmaceutically acceptable vehicle.

Claim 18 (Canceled)

Claim 19 (Withdrawn): A method of treating a patient, comprising administering to the patient a therapeutically effective amount of a composition according to claim 15.

Claim 20 (Canceled)

Claim 21 (Withdrawn): A method of treating a patient, comprising administering to the patient a therapeutically effective amount of a composition according to claim 17.

Claim 22 (Canceled)

Claim 23 (Withdrawn): A method of detecting the presence of a meningococcal protein in a biological sample comprising contacting the biological sample with the antibody of claim 7.

Claim 24 (Withdrawn): A method of detecting the presence of a meningococcal antibodies in a biological sample comprising contacting the biological sample with the polypeptide of claim 1.

Claim 25 (Previously Presented): The polypeptide of claim 1, wherein the polypeptide comprises the amino acid sequence of SEQ ID NO:1331 and further wherein the polypeptide has a length of 100 amino acids or less.

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Claim 26 (Previously Presented): The polypeptide of claim 25, wherein the polypeptide has a length of 50 amino acids or less.

Claim 27 (Previously Presented): The polypeptide of claim 25, wherein the polypeptide has a length of 25 amino acids or less.

Claim 28 (Previously Presented): The polypeptide of claim 25, wherein the polypeptide has a length of 20 amino acids or less.

Claim 29 (Previously Presented): A composition comprising the polypeptide of claim 25 and a pharmaceutically acceptable vehicle.

Claim 30 (Previously Presented): A composition comprising the polypeptide of claim 26 and a pharmaceutically acceptable vehicle.

Claim 31 (Previously Presented): A composition comprising the polypeptide of claim 27 and a pharmaceutically acceptable vehicle.

Claim 32 (Previously Presented): A composition comprising the polypeptide of claim 28 and a pharmaceutically acceptable vehicle.

Claim 33 (Withdrawn): A method of treating a patient, comprising administering to the patient a therapeutically effective amount of a composition according to claim 25.

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